



The Boldt Company  
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## **2013 Green Tier Annual Report for The Boldt Company**

### **Executive Summary**

The Boldt Company is a general construction firm that provides a balanced portfolio of planning, development, design and construction services throughout Wisconsin, the upper Midwest and nationally. Boldt is a privately held company that employs upwards of 2,000 employees nationally through four regional offices and its corporate headquarters in Appleton, Wisconsin. The Boldt Company was formally accepted into the Wisconsin Green Tier Program on March 27, 2009 as a Tier 1 Participant.

The Boldt Company's sustainable commitment is to be an innovative and environmentally responsible provider of professional construction services, and to provide our customers with facilities which support their business and environmental objectives.

### **EMS Audit Report**

In January 2014, the Boldt Company's Environmental Management System was audited by a third-party consultant and found to be in superior environmental performance with the 14 requirements found in 299.83(dg) of the Environmental Results Program and that the EMS is operationally equivalent to the ISO 14001 standard. No major nonconformities were identified during the audit. Boldt's EMS has been found to meet the "Functional Equivalency" criteria and the continual improvement requirements of the Green Tier Program.

The EMS audit identified one minor non-conformance. This minor non-conformance was related to the training of employees on environmental operations. The auditor was not able to determine that the specific individuals were trained sufficiently to fit Boldt's environmental needs. Environmental training was being given to all employees, but the auditor felt that Boldt needs to expand on environmental training for those individuals who have specific roles involving environmental operations.

Based on the results of this audit, The Boldt Company will reassess the methods for determining which employees need to be trained more extensively on environmental operations to correct this minor non-conformance. The Boldt Company will strive to have this resolved by April 22, 2014.

### **Description of Progress**

The Boldt Company's EMS was thoroughly maintained during the year 2013. Boldt has made significant progress in relation to our goals that are part of the Boldt EMS.

#### Goal 1: Divert 50% of wastes away from landfills

Progress: The Boldt Company has continued to find ways to recycle waste from the corporate campus by the introduction of recycling centers and increased communication to improve awareness about Boldt's recycling goals. The company held three (3) Sustainability awareness presentations to employees during 2013. These presentations were accompanied with the Boldt Sustainability newsletter to increase awareness as well. As for the data regarding recycling, the company found that it is recycling approximately 39% of waste. The total waste from the corporate campus was 94.9 tons and Boldt was able to successfully recycle 37.5 tons of waste. As part of the Boldt Corporate Headquarters LEED certification the company has been tracking waste disposal more closely. This will hopefully allow Boldt to determine opportunities for improvement in this area so that we can reach our recycling goal.



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**Goal 2:** Properly dispose of hazardous, non-biodegradable waste products

**Progress:** In order to reach goal two (2), Boldt has developed several techniques and procedures related to hazardous waste. Boldt began by identifying the locations and quantities of hazardous waste on the corporate campus. This information was provided in the Boldt Corporate Campus aspects and impacts map as well as the hazardous waste assessment. To provide direction for those who manage and dispose of hazardous waste, standard work and best practices were developed. These provide direction for how to dispose of hazardous waste in a responsible manner. When these standard work processes, are followed closely when disposing of hazardous waste, the Boldt Company can be sure that the waste is being disposed of in a responsible manner. This will help prevent negative environmental impacts. In addition to the standard work processes for storage and disposal of hazardous waste, the Boldt Company has also addressed the potential for environmental spills. This includes the drafting of the best practices for environmental spill clean-up. The company has also purchased spill kits and placed them in each of the shops of the Boldt Corporate campus. These measures show the significant progress that has been made regarding the Boldt Company's goal of properly disposing hazardous, non-biodegradable waste products.

**Goal 3:** Identify pollution sources to determine if pollution control measures are being followed

**Progress:** This goal is related to many of the things described as part of goal 2. This includes the procedures for environmental spills, proper storage, and proper disposal of hazardous substances. This also includes the aspects and impacts identification as well as the hazardous waste assessment. The Boldt Company has spent time educating and training individuals who handle and work with hazardous waste as well. This has helped answer questions for employees about how to dispose of and manage hazardous substances properly. All of the things being done have led to great progress in achieving and maintaining this objective.

**Goal 4:** Reduce energy by lighting systems

**Progress:** In order to achieve goal four (4), the Boldt Company has replaced much of the previous light bulbs with energy efficient types. Due to these changes, the boldt company has experienced significant reductions in energy usage. In 2013 the Boldt Corporate Headquarters saved approximately 14,000 kWh of energy each month as compared with the year 2009 before many of the lighting changes were being made. This has equated to a yearly savings of 169,000 kWh which equals approximately \$18,000 in 2013.

## **Environmental Performance**

Boldt has developed its Environmental Management System, site-specific to Boldt's corporate headquarters campus in Appleton, Wisconsin. Implementation of the EMS is consistent with the "functional equivalency" requirements of Wisconsin Statute §299.83(1)(dg).

Boldt continued its focus on sustainability and environmental performance during 2013 in the following areas:

**Energy**

- Continue retrofitting existing lighting systems to reduce energy demand at the Corporate Headquarters.
- Regularly measured and monitored energy use by buildings.



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#### Water

- Consumption of water has been continuously monitored since water fixtures were replaced for more sustainable models and native species were planted on the landscape to eliminate the need for irrigation. Water usage has reduced by approximately 140,000 gallons annually.

#### Waste

- Continued waste recycling programs for paper, cardboard, plastics, metals, batteries and electronic items at the Corporate Headquarters. Amounts of annual recycled materials approximated:
  - Paper/Cardboard 2.85 tons
  - Comingled Bottles/Cans 2.40 tons
  - Wood 32.20 tons
  - Lamps, Batteries & Ballasts 2,074 total items
  - Electronics 0.482 tons
- Continued with our Construction Recycling Initiative to reduce and divert waste materials generated at construction project sites from landfills.

#### Transportation

- Continued use of video conferencing, teleconferencing and webinars to reduce amount of vehicular travel.
- Instituted preferred parking for employees who carpool to work or drive alternative energy vehicles.

#### Supply Chain

- Continued use of sustainable and environmentally safe cleaning products at Boldt's Corporate Headquarters. This is part of Boldt's low environmental impact green cleaning and green equipment policy at the headquarters.
- Continued use of recycled paper and tissue products. Boldt is striving to purchase over 75% of products with recycled content as part of the sustainable purchasing policy.
- Continued use of recycled products for our banners and trade show booth.

### **Economic Performance**

Economic performance impact is tied directly to the amount of recycling and the amount of waste material that is diverted from landfills. Construction wastes diverted from landfills resulted in significant savings for our customers and our business. Boldt has also saved as a result of the water and energy usage reductions. As previously stated Boldt saved approximately \$18,000 worth of electricity in 2013 as a result of lighting upgrades. As for water usage, the Boldt Company saved 100,000 gallons worth of water that equates to over \$8,000 in savings.

### **Stakeholder Involvement**

The Boldt Company promotes sustainable and environmental awareness through several events and initiatives.



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- Boldt has a National Practice Group devoted to sustainability and environmental awareness. This group includes Boldt employees from every regional office. The group meets several times a year to discuss best practices experienced across the company.
- Boldt maintains its internal and external website highlighting environmental and sustainable information.
- Boldt maintains publishes a quarterly Sustainability newsletter to highlight improvements to Sustainability at Boldt.
- Boldt provides training to its employees for the Construction Recycling Initiative and overall Sustainability program at the Boldt Corporate Campus.
- Boldt makes environmental presentations at seminars, trade shows and other public forums.

### **WDNR Relationship**

A central point of contact with the WDNR is helpful when questions arise. Boldt believes that ability to work with the WDNR in a collaborative manner to realize solutions to environmental issues is a benefit to our organization, our customers and the State of Wisconsin.

### **Conclusion**

The Boldt Company has a long standing commitment to environmental stewardship. The Wisconsin Green Tier program is one way which has helped Boldt focus, strengthen and improve its environmental programs, and also helps to guide our future environmental initiatives. Not only do we realize the environmental benefit of reducing our impact on natural resources and reducing pollution, we also realize the economic benefits which provide value to our business and our customers.